

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number POKA-2004-B-0027-VH	Page of Pages 1 10	
2. Amendment/Modification Number 8		3. Effective Date 10/19/2004		4. Requisition/Purchase Request No.	
5. Solicitation Caption Restoration of NHS/STP Routes					
6. Issued By: District Department of Transportation Construction Contract Branch 2000 14th Street, NW, 6th Floor Washington, DC 20009		7. Administered By (If other than line 6) Procurement Support Branch 2000 14th Street, NW, 3rd Floor, Bid Room Washington, DC 20009			
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)		<div> <div>(X)</div> <div>9A. Amendment of Solicitation No. POKA-2004-B-0027-VH</div> <div>9B. Dated (See Item 11) 8/5/2004</div> <div>10A. Modification of Contract/Order No.</div> <div>10B. Dated (See Item 13)</div> </div>			
Code		Facility			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
X The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
A. This change order is issued pursuant to: (Specify Authority)					
The changes set forth in Item 14 are made in the contract/order no. in item 10A.					
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.					
C. This supplemental agreement is entered into pursuant to authority of:					
D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
<p>Addendum #8 is being issued to extend the Bid Opening Date and clarify revisions made to the specifications and the Schedule of Items.</p> <p>For those vendors who are using Expedite Bid, the Schedule of Items changes are available on diskette from the Construction Support Branch 2000 - 14th Street, N.W., 3rd Floor Bid Room, Washington, DC 20009.</p>					
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer Jerry M. Carter		
15B. Name of Contractor		15C. Date Signed		16B. District of Columbia	
(Signature of person authorized to sign)				16C. Date Signed 10/19/2004	
				(Signature of Contracting Officer)	

Government of the District of Columbia
District Department of Transportation
Construction Contract Branch
2000 - 14th Street, N.W. 6th Floor
Washington, D.C. 20009

ADDENDUM NO. 8 **ISSUED** **October 19, 2004** **Page(s)**
POKA-2004-B-0027-VH

**RESTORATION OF NHS/STP ROUTES
(VARIOUS LOCATIONS)**

F.A.P. NO.: NHS-STP-8888 (143)

BIDDERS shall acknowledge receipt of this addendum on official Bid Form. Failure to do so may result in rejection of your bid.

CURRENT BID OPENING DATE: October 25, 2004 _____

BIDDERS are informed that the above named project is modified as follows:

Bid OPENING DATE

The Bid Opening Date has been extended from October 25, 2004 to October 29, 2004.

SPECIFICATIONS

DELETE: page 2 in the specifications and Replace with the **Revised page 2R** (**Attached with the Addendum**).

DELETE: SP. 14 - BITUMINOUS MATERIALS on page 10, in its entirety and Replace with the New SP. 14 - BITUMINOUS CONCRETE MIXTURES (**4 pages**) (**Attached with the Addendum**).

BID FORMS AND PROPOSAL

DELETE: page **1RR, 2RR** and **6RR** in its entirety and the Schedule of Items and Replace with the **Revised** page **1RRR, 2RRR** and **6RRR** (**Attached with the Addendum**).

ADDENDUM NO. 8
Restoration of NHS/STP Routes
Various Locations

1. **SCOPE:**

Work consists of resurfacing the Roadway(s) along various locations on the National Highway System. Work locations will be given to the Contractor prior to starting work.

The work also requires some preliminary repairs to existing structures which include curbs, gutters, sidewalks, utility cuts, base pavements, constructing corner cut backs, resetting stone curb, replacing existing curb, furnishing sewer-water manhole frames and basin tops, constructing wheelchair/bicycle ramps, necessary grading and excavating as may be required and other miscellaneous and incidental work needed to complete the project, all as directed by the Engineer. Repairs to curbs, gutters, PCC base, and sidewalk slabs should be performed prior to removing or milling the asphalt surface.

This work also requires steel plating over roadway repairs to maintain traffic during rush hours until such time when the Contractor could make the area safe for vehicular traffic, or as directed by the Engineer. No direct measure and payment for steel plating will be made. Cost of steel plating shall be reflected and distributed among concrete pay items.

In areas of existing AC surfaces, the work consists of pavement profiling (milling) to a depth of two (2) inches, cleaning and routing of deteriorated pavement joints, potholes, tar patches and the stripping of areas as directed by the Engineer and filling with Sheet Asphalt patching, 12.5 mm mix Super-Pave, AC Base Class "B" or any other materials approved and as directed by the Engineer.

The final phase of work consists of adjusting any necessary manholes and boxes to grade, and applying tack coat before laying a single course of AC Surface, Class "C" to a depth of one (1) to two (2) inches.

In areas of finished concrete pavement locations, the work also includes repairing these locations in kind as directed by the Engineer. Usually, these locations will not require an asphalt overlay surface course.

Roadway, sidewalk and other improvements at various locations may be added to this contract when considered in the best interest of the District.

Joint Seal – Work includes routing and pressure cleaning of pavement joints and the replacement of joint sealing material of the hot poured type, flush with the existing roadway, and an overlay of approximately one half (1/2) inch on either side of the crack.

14. BITUMINOUS CONCRETE MIXTURES:

PERFORMANCE GRADED ASPHALT BINDERS AND HOT MIX ASPHALT

CERTIFICATION. The manufacturer and hauler shall furnish certifications as specified in DPW Standard Specifications.

The manufacturer shall also certify:

- (a) Date and time of loading.
- (b) Tank or blending system
- (c) Identification of hauling unit.
- (d) Binder grade, temperature, and quantity of materials.
- (e) Complete certified analysis.
- (f) Lot number, if applicable.
- (g) Mixing and compaction temperatures when the binder is polymer modified.

The hauler shall also certify

- (a) Identification of hauling unit
- (b) Binder grade and source of last delivery.
- (c) The date of the last delivery using this hauling tank and volume of material remaining in the tank at the time of current loading.

PERFORMANCE GRADED (PG) ASPHALT BINDERS.

Performance graded asphalt binders for mixes containing all virgin materials shall conform to AASHTO MP Table 1, for PG 70-22 binder (Interstates, Other Freeways and Expressway, Principles, and Minors) or PG 64-22 (Local and Collectors) . The asphalt binder recovered from the final plant mixed material will be considered Rolling Thin Film Oven (RTFO) material and shall conform to AASHTO MP1, Table I for the specified performance grade.

The PG binder shall be pre-approved by DDOT.

The Contractor shall submit a certificate of analysis

Showing conformance with the PG Binder Specification

AASHTO MPI and the critical cracking temperature as described in the

Binder ETO Draft, Standard Practice for Determination of Low-Temperature Performance Grade (PG) of Asphalt Binder, for the binders specified in the Contract Documents.

The PG binder for HMA mixes shall be achieved by the use of Neat Asphalt with elastomer polymer modifications when needed.

Aggregates. Aggregates shall conform to Section 803.03, 803.04 and AASHTO MP2 with the exception that the aggregate retained on the 4.75 mm sieve shall be tested for flat and elongated particles in conformance with ASTM D 4791.

Mix Design. The Contractor shall develop a Superpave mix design in conformance with AASHTO PP 28. HMA Superpave mixes – i.e., 9.5mm (when surface course is less than 1.5 inches) 12.5mm (when surface course is greater than 1.5 inches) Surface Course, 9.5mm Leveling Course, and 19.0mm Base or as directed by the Engineer, shall conform to the specification for Superpave Volumetric Mix Design, AASHTO MP 2, and shall be designed for a thirty (30) million Equivalent Single Axle Loading (ESAL).

The Contractor shall not use crushed, recycled asphalt pavement (RAP) material, crushed glass roofing shingles from manufacturing waste.

Mix Design Approval. Documents containing the data from the Contractor's laboratory study shall be submitted to the Engineer for tentative approval at least two weeks prior to paving operations using DDOT approved AASHTO software, and shall include the following

- (a) Mix designation and Contract number shall be on the Contract documents.
- (b) Source and percentage of aggregate.
- (c) Source, percentage, and grade of performance graded asphalt binder.
- (ii) Anticipated gradation and proportion of each component aggregate.
- (e) Combined cold feed grading, extracted grading, or ignited grading
- (1) Plant where HMA mix will be produced.
- (g) Plant target mixing temperature based on viscosity of 0.22 Pascal.
- (h) Percent passing No. 200 sieve removed by dust collecting system.
- (i) Ratio of dust to binder material on effective asphalt.
- (j) Maximum specific gravity at the target binder content.
- (k) Mix design grading plotted on 0.45 power gradation chart.
- (l) Tensile strength ratio and worksheets
- (m) The gyratory compaction curve for N_{max}.
- (n) The bulk specific gravity at N_{design} gyrations.
- (o) The air void content (percent V_a) at N_{initial}, N_{design}, and N_{max} gyrations
- (p) The voids in the mineral aggregate (percent VMA) and the voids filled with asphalt (percent VFA) at N_{design} gyrations (TP4).
- (q) The slope of the gyratory compaction curve.

All consensus and source properties.

- (1) Coarse aggregate angularity.
- (2) Flat and elongated
- (3) Sand equivalent.
- (4) Un-compacted void content of fine aggregate.
- (5) Bulk and apparent specific gravity of coarse and fine aggregate.
- (6) Absorption of coarse and fine aggregate

Mix designs submitted to the Engineer for approval shall be accompanied by a quantity of job mix formula aggregate and appropriate amount of required PG binder for ignition oven calibration.

If previous construction or performance experience has shown the proposed mix design to be unsatisfactory, the Engineer may require the Contractor to submit a more suitable design.

If the Contractor proposes to change the source of aggregate used in the mix, a revised "Mix design shall be submitted with the information required. The conditions set forth above relative to initial submission shall apply. If a change in the Performance Grade binder source becomes necessary. DDOT requires an anti-stripping additive test in conformance with ASTM D 4867 before giving the final approval; a DDOT approved anti-stripping is required in all AC mixtures.

Field Verification of Mix Design: After receiving the tentative approval for the mix design from the Engineer, the Contractor shall conduct a field verification of the mix at the beginning of production in each plant. The certified personnel shall perform Field verification. The verification samples shall be prepared as specified in PP28. The Contractor shall notify the Engineer at least two working days in advance of the scheduled verification.

Verification Evaluation:

(a) Initial verification shall consist of four samples tested for the parameters of the approved mix design. These samples shall be randomly drawn from the first day's production. If the first day of production is less than 500 tons, the Contractor may choose to spread verification testing over the number of days needed to accumulate 500 tons. The verification testing shall be completed on the day when production has reached the 500 tons. The Contractor shall evaluate the verification tests results

(b) If the mix produced by the plant conforms to the parameters, production may proceed without any changes. If the Contractor has submitted mixes with identical aggregate combinations and differing asphalt contents associated with changes in ESAL loads, verification will be limited to volumetric analysis at the Engineer's discretion.

(c) If the mix produced by the plant does not conform to the parameters, then an adjustment to the asphalt content or gradation may be made to bring the mix design requirements within acceptable levels.

Permissible adjustment limitations between the approved Mix Design and Adjusted Mix Design are as follows:

TEST PROPERTY	PERMISSIBLE ADJUSTMENT %(*)
Larger than 1/2 in. (12.5 mm) sieve:	± 5
1/2 in. (12.5 mm) through No.4 (4.75 mm) sieves:	± 4
No.8 (2.36mm) through No. 100 (1.50 mm) sieves:	± 3
No. 200 (75 um) sieve:	± 1.0
Binder Content:	± 0.20

* The permissible adjustment for all mixes shall establish a job mix formula having targets outside the restricted zone. Additionally, Superpave mixes shall be within control points.

When an adjustment is made to the mix design, a second verification shall be performed to ensure that the modified mix conforms to all design requirements. The time and tonnage limitations shall be as specified in **(a)** above. Material produced during this verification will be subject to removal as specified in DPW Standard Specifications if it does not conform to Specifications.

If the adjusted mix conforms to the mix design parameters, production may proceed; if it does not conform, production shall be suspended and a new mix design shall be submitted to the Engineer for approval. The new mix design shall be designed as specified in AASHTO PP28.

(d) Subsequent mix designs submitted due to nonconformance will be subject to removal as specified in DPW Standard Specifications. If the mix does not conform to **(b)** above during the initial verification, production for the mix shall be suspended until the Engineer takes corrective action.

Pavement Cores

The Contractor shall obtain pavement cores at the direction of the engineer within twenty-four (24) hours after lay-down.

SCHEDULE OF ITEMS

CONTRACT ID: 2004B0027VH

PROJECT(S): NH-STP-8888 (143)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 RESTORATION NHS ROADWAY WORK BRANCH AVENUE, S.E.

0010	000003 Employee Training	2000.000				
		HR	.		.	
0020	000016 DC Furnished Materials - Traffic	LUMP	LUMP		4000.00	
0030	202002 Common Excavation	900.000				
		CY	.		.	
0040	209002 Aggregate Base Course	900.000				
		CY	.		.	
0050	311002 Adjust Sewer-Water-Utility Manhole Frame	22.000				
		EACH	.		.	
0060	311004 Reset Sewer-Water-Utility Manhole Frame	30.000				
		EACH	.		.	
0070	311010 Adjust Standard Basin Top	12.000				
		EACH	.		.	
0080	311016 Furnish Sewer-Water Manhole Frame	12.000				
		EACH	.		.	
0090	311020 Manhole Adapter Ring	40.000				
		EACH	.		.	
0100	311024 Rebuild Standard Basin	20.000				
		CY	.		.	

SCHEDULE OF ITEMS

CONTRACT ID: 2004B0027VH

PROJECT(S): NH-STP-8888 (143)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	409992 Bituminous Surface Treatment Special Item - TON - SUPER PAVE AC SURFACE OVERLAY, 403 011	72802.000 TON	.		.	
0120	406002 Tack Coat	440143.000 SY	.		.	
0130	411002 Temporary AC	100.000 TON	.		.	
0140	413002 Sheet Asphalt Patching	300.000 TON	.		.	
0150	414002 Asphalt Patching	30.000 TON	.		.	
0160	501014 Extra Welded Wire Fabric, Style 66-46	720.000 SY	.		.	
0170	505030 Anchor Bolts - Paving	150.000 EACH	.		.	
0180	506004 Repair PCC Base	300.000 CY	.		.	
0190	506006 Repair PCC Alley	300.000 CY	.		.	
0200	506014 Additional Standard Portland Cement	300.000 BAGS	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: 2004B0027VH

PROJECT(S): NH-STP-8888 (143)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0490	616110 Portable Variable Message Sign	4.000 EACH	.		.	
0530	621002 Pavement Profiling (Milling)	529470.000 SY	.		.	
0540	718002 Neoprene Compression Seal	100.000 LF	.		.	
0550	718991 Neoprene Compression Seal Special Item - LF - JOINT SEALING	200.000 LF	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	